

School on  
“K3 surfaces, hyperkähler manifolds, and cubic fourfolds”

September 11 - 15, 2023

organized by

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*Time measurement: CEST*

• **Monday, September 11**

10:00 - 10:50	<i>Arrival, Coffee and Registration</i>
10:50 - 11:00	<b>Welcome by HIM Director Christoph Thiele</b>
11:00 - 12:00	<b>Daniel Huybrechts</b> <i>Brauer groups and twisted sheaves on K3 surfaces 1</i>
12:00 - 14:00	<i>Lunch break</i>
14:00 - 15:00	<b>Chiara Camere</b> <i>Finite group actions on hyperkähler manifolds 1</i>
15:00 - 16:00	<b>Christian Lehn</b> <i>Lagrangian Fibrations of Holomorphic Symplectic Varieties 1</i>
16:00 - 16:30	<i>Coffee break</i>

• **Tuesday, September 12**

09:30 - 10:30	<b>Sofia Tirabassi</b> <i>Lieblisch-Olsson deformation technique and applications 1</i>
10:30 - 11:00	<i>Group Photo and Coffee break</i>
11:00 - 12:00	<b>Daniel Huybrechts</b> <i>Brauer groups and twisted sheaves on K3 surfaces 2</i>
12:00 - 14:00	<i>Lunch break</i>
14:00 - 15:00	<b>Chiara Camere</b> <i>Finite group actions on hyperkähler manifolds 2</i>
15:00 - 16:00	<b>Christian Lehn</b> <i>Lagrangian Fibrations of Holomorphic Symplectic Varieties 2</i>

16:00 - 16:30	<i>Coffee break</i>
16:50 - 17:20	<b>Pietro Beri</b> <i>A geometrical description for birational involutions on an infinite number of Hilbert schemes of points on K3 surfaces</i>
17:30 - 19:30	<i>Reception</i>

• **Wednesday, September 13**

09:00 - 10:00	<b>Christian Lehn</b> <i>Lagrangian Fibrations of Holomorphic Symplectic Varieties 3</i>
10:00 - 10:30	<i>Coffee break</i>
10:30 - 11:30	<b>Sofia Tirabassi</b> <i>Liebllich-Olsson deformation technique and applications 2</i>
11:40 - 12:10	<b>Sasha Viktorova</b> <i>The defect of a cubic threefold</i>

• **Thursday, September 14**

09:30 - 10:30	<b>Christian Lehn</b> <i>Lagrangian Fibrations of Holomorphic Symplectic Varieties 4</i>
10:30 - 11:00	<i>Coffee break</i>
11:00 - 12:00	<b>Daniel Huybrechts</b> <i>Brauer groups and twisted sheaves on K3 surfaces 3</i>
12:00 - 14:00	<i>Lunch break</i>
14:00 - 15:00	<b>Chiara Camere</b> <i>Finite group actions on hyperkähler manifolds 3</i>
15:00 - 16:00	<b>Sofia Tirabassi</b> <i>Liebllich-Olsson deformation technique and applications 3</i>
16:00 - 16:30	<i>Coffee break</i>

• **Friday, September 15**

09:30 - 10:30	<b>Chiara Camere</b> <i>Finite group actions on hyperkähler manifolds 4</i>
10:30 - 11:00	<i>Coffee break</i>
11:00 - 12:00	<b>Daniel Huybrechts</b> <i>Brauer groups and twisted sheaves on K3 surfaces 4</i>
12:00 - 14:00	<i>Lunch break</i>

14:00 - 15:00	<b>Sofia Tirabassi</b> <i>Lieblich-Olsson deformation technique and applications 4</i>
15:00 - 15:30	<b>Stevell Muller</b> <i>On symplectic transformations of OG10-type hyperkähler manifolds via cubic fourfolds</i>
15:30 - 16:00	<b>Franco Giovenzana</b> <i>Hyperkähler manifolds from cubic fourfolds</i>
16:00 - 16:30	<i>Coffee break</i>